

Product datasheet for **SC305710**

LEAP2 (NM_052971) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LEAP2 (NM_052971) Human Untagged Clone
Tag:	Tag Free
Symbol:	LEAP2
Synonyms:	LEAP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305710 representing NM_052971. Blue=Insert sequence Red=Cloning site Green=Tag(s)

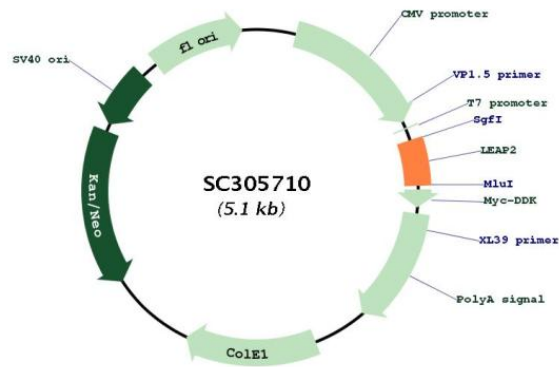
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGGCACCTCAAACCTTGTGCAGTCCTCATGATCTTCTGTTGCTGTTGGCCAGATAGATGGCTCC
CCAATACCAGAAGTGAGTTCGGCAAAGAGAAGGCCACGGAGAATGACCCATTTTGGAGAGGGTTTCC
CTCAGGCCTATTGGAGCCTCTGCCGGGATGATTCTGAGTGTATCACAAGGCTATGCAGAAAAAGACGC
TGTTCTTAAGTGTGGCCAGGAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_052971

Insert Size: 234 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_052971.2](#)

RefSeq Size: 707 bp

RefSeq ORF: 234 bp

Locus ID: 116842

UniProt ID: [Q969E1](#)

Cytogenetics: 5q31.1

Protein Families: Secreted Protein

MW: 8.8 kDa

Gene Summary: This gene encodes a cysteine-rich cationic antimicrobial peptide that is expressed predominantly in the liver. The mature peptide has activity against gram-positive bacteria and yeasts. [provided by RefSeq, Sep 2014]